From: Dana Dean To: Vicky Miller

**Date:** 3/21/2005 3:53:15 PM

**Subject:** RE: 4th Quarter Water Data - December DMR's

Vicky,

It is now in. Thank you for getting back so quickly.

Dana

>>> "Miller, Vicky" <VMiller@archcoal.com> 03/21/05 3:50 PM >>> Dana, the anions was 4.6 meq/L, and the balance is -4.5 on the lab sheet. Will you put the anions total into the database for me. Thanks, Vicky

-----Original Message-----

From: Dana Dean [mailto:danadean@utah.gov]

Sent: Monday, March 21, 2005 2:03 PM

To: Miller, Vicky

Cc: David Darby; Pete Hess

Subject: Re: 4th Quarter Water Data - December DMR's

Vicky,

I have uploaded all of the information for Dugout Canyon, Soldier Canyon, and Banning Siding from the pipeline into the database. A report is attached.

It looks like you have included all required samples and parameters.

I did notice that for the DC-3 sample you submitted earlier, you omitted total anions. Would you happen to have that information. Also, cation anion balance is reported as >4.5%, do you have a more exact number?

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E. Senior Reclamation Hydrologist (801) 538-5320 danadean@utah.gov

>>> "Miller, Vicky" <<u>VMiller@archcoal.com</u>> 03/21/05 12:39 PM >>> Pam,

The December DMR's for Banning, Soldier Canyon and Dugout are in the pipeline and available to be loaded into the database. These DMR's should complete the 4th Quarter Water Data for these operations. Should there be any questions or concerns associated with the 4th Quarter data please let me know. Thank You, Vicky Miller

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